

A mathematical phrase which
can contain numbers,
operators (+, -, x, ÷), or variables

Numbers and/or variables
with operation symbols

Expressions

EXAMPLES:

4	Constant expression
$52 - 5(1+7)$	Numerical expression
$3abc$	Variable expression
$3x - 10$	Linear expression
$x^2 + 5x - 13$	Quadratic expression
$\frac{m+2}{m^2-1}$	Rational expression
$3x^3 - 4x^2 - x + 2$	Polynomial Expression

MORE INFO:

Some can be simplified using
order of operations.

If you are given a value for
a variable, you can substitute and
evaluate a variable expression.

An expression like $2n$ or $(2)(5a)$
has multiplication even if you
don't see x or \bullet .

Expressions can use exponents,
and grouping symbols.

RELATIONSHIPS

Expressions are used in formulas in real-life.

Equations are formed by equal expressions.

Expressions are in equations but aren't equations because they don't have an =
sign.

Expressions are in inequalities but aren't inequalities because they don't have <,
>, etc.

Expressions in math:

The discriminant $b^2 - 4ac$ is an expression used in quadratics.

The number multiplied by a variable in an expression is a numerical coefficient.

